

WHAT IS CLAIMED IS:

1. A movable personal computer using system in a motor vehicle comprising:

5 a PC holder which is arranged inside an instrument panel of the motor vehicle to hold a movable personal computer in said instrument panel in a manner that said movable personal computer is attachable to and detachable from said PC holder;

10 a virtual image displaying means that shows a virtual image of a screen on a display of said movable personal computer attached to said PC holder so that the virtual image can be seen from a passenger compartment of the motor vehicle,

15 wherein said virtual image displaying means shows the virtual image reflecting a partial area of the screen that appears information different from another partial area of the screen appeared at the same time and is capable of moving to selectively shift the virtual image of the screen from
20 the one partial area to the another partial area of the screen.

2. A movable personal computer using system in a motor vehicle according to claim 1,

25 wherein said virtual image displaying means has a mirror moving mechanism to move said virtual image displaying means over the screen of the display and shift the virtual images according to a shift demand signal.

3. A movable personal computer using system in a motor vehicle
30 according to claim 1,

wherein said movable personal computer receives vehicle state information

from the motor vehicle side to output alert information to a driver of the motor vehicle.

4. A movable personal computer using system in a motor vehicle
5 according to claim 1,

wherein said movable personal computer is prevented from use in a normal personal computer mode when a vehicle speed exceeds substantially zero Km/h, and allowed to use in the normal personal computer mode when the
10 vehicle speed becomes substantially zero Km/h.

5. A movable personal computer using system in a motor vehicle according to claim 1,
15 further comprises a wireless communication facility to communicate between said movable personal computer and outside of the motor vehicle, and

wherein said movable personal computer shows an incoming result
20 received by said wireless communication facility when a vehicle speed becomes substantially zero Km/h.

6. A movable personal computer using system in a motor vehicle according to claim 1,
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wherein said movable personal computer has a body and the display that is connected to and rotatable with respect with the body so that the display and the body can be rotated to each other and form a figure such as one of V-letter shaped, L-letter shaped, and U-letter shaped figures to face the
30 screen on the display to said virtual image displaying means when said movable personal computer is held on said PC holder.

7. A movable personal computer using system in a motor vehicle according to claim 6,

5 wherein said movable personal computer is a notebook sized personal computer.

8. A movable personal computer using system in a motor vehicle according to claim 1,

10 wherein said movable personal computer is connectable to a Controller Area Network of the motor vehicle to communicate with an on-board device.

15 9. A movable personal computer using system in a motor vehicle according to claim 1,

wherein said PC holder has a lift mechanism that adjusts a holding position of said movable personal computer in a vertical direction when said movable personal computer is held on said PC holder.